PATENT APPLICATION

			CATALON FORCE	PATICO1	٦
	POWER OF ATTORNEY		CKET NO. 50037.5	5/USU1	
FOR PATENT APPLIC	ATION	MS DOCKET NO). 163065.1		┙
As a below named inventor	or, I hereby declare that:				
I believe I am the original listed below) of the subject INTERFACE FOR DYN. the specification of which which which which which which which which which we can be seen that I have		name is listed below) on the patent is sought of the HETEROGENEOUS and box is checked: rial No. or PCT Internations of the above-identifies.	or an original, first an on the invention entiper PROGRAM IN A Distribution of the actional Application of the specification, inches	ISTRIBUTED ENVIRONM: Number and was amended adding the claims, as amended	ENT. d on
Foreign Application(s)	and/or Claim of Foreign Priority				
certificate listed below ar	iority benefits under Title 35, United and have also identified below any fore which priority is claimed:	eign application for pa	tent or inventor(s) ce	ertificate having a filing date	tor(s) before
COUNTRY	APPLICATION NUMBER	DATE FILED		MED UNDER 35 U.S.C.	4
			Yes:	No:	
Provisional Application	it under Title 35, United States Code S	Section 119(e) of any	United States provisi	ional application(s) listed belo	ow:
F TO TON CERT	LAUMDED	FILING DA	TE		
APPLICATION SERIA	IL NUMBER	TIDING DA	111		

U.S. Priority Claim

I hereby claim the benefit under Title 35, United States Code, Section 120 of any United States application(s) listed below and, insofar as th subject matter of each of the claims of this application is not disclosed in the prior United States application in the manner provided by the f paragraph of Title 35, United States Code Section 112, I acknowledge the duty to disclose material information as defined in Title 37, Code Federal Regulations, Section 1.56(a) which occurred between the filing date of the prior application and the national or PCT international fidate of this application:

APPLICATION SERIAL NUMBER	FILING DATE	STATUS (patented/pending/abandoned)
09/343,276	June 30, 1999	Pending

POWER OF ATTORNEY

As a named inventor, I hereby appoint the following attorney(s) and/or agent(s) listed below to prosecute this application and transact all business in the Patent and Trademark Office connected herewith:

Albrecht, John W.	Reg. No. 40,481	Leonard, Christopher J.	Reg. No. 41,940
Ali, M. Jeffer	Reg. No. 46,359	Liepa, Mara E.	Reg. No. 40,066
Altera, Allan G.	Reg. No. 40,274	Lindquist, Timothy A.	Reg. No. 40,701
Anderson, Gregg I.	Reg. No. 28,828	Lown, Jean A.	Reg. No. 48,428
Batzli, Brian H.	Reg. No. 32,960	Mayfield, Denise L.	Reg. No. 33,732
Beard, John L.	Reg. No. 27,612	McDonald, Daniel W.	Reg. No. 32,044
	Reg. No. 43,496	McIntyre, Jr., William F.	Reg. No. 44,921
Berns, John M.		- · · · · · · · · · · · · · · · · · · ·	
Branch, John W.	Reg. No. 41,633	Mitchem, M. Todd	Reg. No. 40,731
Brown, Jeffrey C.	Reg. No. 41,643	Mueller, Douglas P.	Reg. No. 30,300
Bruess, Steven C.	Reg. No. 34,130	Nelson, Anna M.	Reg. No. 48,935
Byrne, Linda M.	Reg. No. 32,404	Paley, Kenneth B.	Reg. No. 38,989
Campbell, Keith	Reg. No. 46,597	Parsons, Nancy J.	Reg. No. 40,364
Carlson, Alan G.	Reg. No. 25,959	Pauly, Daniel M.	Reg. No. 40,123
Caspers, Philip P.	Reg. No. 33,227	Phillips, John B.	Reg. No. 37,206
Clifford, John A.	Reg. No. 30,247	Pino, Mark J.	Reg. No. 43,858
Cook, Jeffrey	Reg. No. P-48,649	Prendergast, Paul	Reg. No. 46,068
Daignault, Ronald A.	Reg. No. 25,968	Pytel, Melissa J.	Reg. No. 41,512
Daley, Dennis R.	Reg. No. 34,994	Qualey, Terry	Reg. No. 25,148
Daulton, Julie R.	Reg. No. 36,414	Reich, John C.	Reg. No. 37,703
DeVries Smith, Katherine M.	Reg. No. 42,157	Reiland, Earl D.	Reg. No. 25,767
DiPietro, Mark J.	Reg. No. 28,707	Samuels, Lisa A.	Reg. No. 43,080
Doscotch, Matthew A.	Reg No. P-48,957	Schmaltz, David G.	Reg. No. 39,828
Edell, Robert T.	Reg. No. 20,187	Schuman, Mark D.	Reg. No. 31,197
Epp Ryan, Sandra	Reg. No. 39,667	Schumann, Michael D.	Reg. No. 30,422
Glance, Robert J.	Reg. No. 40,620	Scull, Timothy B.	Reg. No. 42,137
Goggin, Matthew J.	Reg. No. 44,125	Sebald, Gregory A.	Reg. No. 33,280
Golla, Charles E.	Reg. No. 26,896	Skoog, Mark T.	Reg. No. 40,178
Gorman, Alan G.	Reg. No. 38,472	Spellman, Steven J.	Reg. No. 45,124
[®] Gould, John D.	Reg. No. 18,223	Stewart, Alan R.	Reg. No. 47,974
Gregson, Richard	Reg. No. 41,804	Stoll-DeBell, Kirstin L.	Reg. No. 43,164
Gresens, John J.	Reg. No. 33,112	Sullivan, Timothy	Reg. No. 47,981
Hamer, Samuel A.	Reg. No. 46,754	Sumner, John P.	Reg. No. 29,114
Hamre, Curtis B.	Reg. No. 29,165	Swenson, Erik G.	Reg. No. 45,147
Harrison, Kevin C.	Reg. No. 46,759	Tellekson, David K.	Reg. No. 32,314
Hertzberg, Brett A.	Reg. No. 42,660	Trembath, Jon R.	Reg. No. 38,344
Hillson, Randall A.	Reg. No. 31,838	Tunheim, Marcia A.	Reg. No. 42,189
Holzer, Jr., Richard J.	Reg. No. 42,668	Underhill, Albert L.	Reg. No. 27,403
Hope, Leonard J.	Reg. No. 44,774	Vandenburgh, J. Derek	Reg. No. 32,179
Jardine, John S.	Reg. No. P-48,835	Wahl, John R.	Reg. No. 33,044
Johns, Nicholas P.	Reg. No. 48,995	Weaver, Paul L.	Reg. No. P-48,640
Johnston, Scott W.	Reg. No. 39,721	Welter, Paul A.	Reg. No. 20,890
Kadievitch, Natalie D.	Reg. No. 34,196	Whipps, Brian	Reg. No. 43,261
Kaseburg, Frederick A.	Reg. No. 47,695	Whitaker, John E.	Reg. No. 42,222
Kettelberger, Denise	Reg. No. 33,924	Wier, David D.	Reg. No. P-48,229
Keys, Jeramie J.	Reg. No. 42,724	Williams, Douglas J.	Reg. No. 27,054
Knearl, Homer L.	Reg. No. 21,197	Withers, James D.	Reg. No. 40,376
Kowalchyk, Alan W.	Reg. No. 31,535	Witt, Jonelle	Reg. No. 41,980
Kowalchyk, Katherine M.	Reg. No. 36,848	Wu, Tong	Reg. No. 43,361
Lacy, Paul E.	Reg. No. 38,946	Young, Thomas	Reg. No. 25,796
Larson, James A.	Reg. No. 40,443	Zeuli, Anthony R.	Reg. No. 45,255
			1005.110. 73,233

In addition, I also hereby appoint the following attorneys to prosecute this application and to transact all business in the U.S. Patent and Trademark Office in connection therewith:

Kate E. Sako, Reg, No. 32,628 Daniel D. Crouse, Reg. No. 32,022

Send Correspondence to:	Direct Telephone Calls To:
Marcia A. Tunheim, Reg. No. 42,189 Merchant & Gould P.C. P.O. Box 2903 Minneapolis, MN 55402-0903	206.342.6259

I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like are so made punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code and that such willful false statements may jeopardize the validity of the application or any patent issued thereon.

Full Name of Inventor: ANDREW J. EDWARDS	Citizenship:	U.S.A.
--	--------------	--------

Residence: REDMOND, WASHINGTON

Post Office Address: 9111 182ND AVE. N.E., REDMOND, WA 98052

- Clu		11/1/20	20 l
Inventor's Signature	•	Date	•

Full Name of Inventor: CARLOS P. GOMES Citizenship: U.S.A.

Residence: REDMOND, WASHINGTON

Post Office Address: 7014 150TH AVE. N.E., REDMOND, WA 98052

nventor's Signature $\frac{1/1/200/}{Date}$